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VALERIE SHORE

Crafty idea

Quilt-maker Annette Barath (Germanic & Russian studies) is one of about 30 talented craftmakers and artisans—mostly from on campus—who will be selling their wares at the UVic Hearts and Hands Craft Fair on Tuesday, Nov. 19 in the University Centre lobby from 10 a.m.–5 p.m. Proceeds will help support the United Way campus campaign and the Hill House Transition House. For more information, call 721-7316 or 7378.

Four leading researchers awarded Canada Research Chairs

by Maria Lironi & Valerie Shore

Crystal growth, emerging optical technologies, the secrets of the ocean, and how proteins interact with sugars will be explored in depth by UVic's four newest Canada Research Chairs, announced this week.

The federal program will create 2,000 chairs by 2005 in an effort to attract and retain top university researchers at Canadian universities. The addition of four new chairs brings UVic's total to 13.

The renewable award comes in two tiers. Tier-one chairs are considered the "stars of today" and provide the researcher with $200,000 for seven years. They can be renewed indefinitely. Tier-two recipients are considered the "stars of tomorrow" and their awards provide each researcher with $100,000 annually over five years, renewable once.

UVic's new tier-one recipients are Drs. Ted Darcie, Sadik Dost and Verena Tunnicliffe.

Darcie's ground-breaking work in analog lightwave systems has helped transform the cable television industry. As the Canada Research Chair in Optical Systems for Communications, Imaging and Sensing, Darcie will focus on the novel application of emerging optical technologies and transmission techniques.

"I'm really looking forward to exploring new ways of combining different optical signals in optical integrated circuits, with the hope of making short distance transmission systems less expensive," says Darcie, who is currently the director of innovative network technologies at AT&T labs in New Jersey.

See CANADA RESEARCH CHAIRS ... *p. 2*

Law and education profs win inaugural awards

UVic has selected the first two recipients of the newly created University of Victoria Distinguished Professorships, the highest academic honour that the university can bestow on a faculty member.

The two distinguished professors are Prof. Gerry Ferguson (law) and Dr. Larry Yore (curriculum and instruction). For feature stories on them, see page 3.

The university created the awards to help add strength to each faculty and retain UVic's best teachers and scholars. They go to faculty members who have achieved great distinction in teaching and scholarly research and have made substantial contributions to the university and the wider community.

"This is the university's way of recognizing some of our faculty members who excel all-round—individuals who are gifted classroom teachers, internationally respected scholars, and committed citizens of the university community," says vice-president academic and provost Jamie Cassels.

The professorship is awarded for a five-year period, renewable once for a second five years, and comes with a salary stipend and annual research allowance. Candidates are nominated by their faculty, with nominations adjudicated by the vice-president research and the vice-president academic. The final selection is made by the vice president academic.

No more than three per cent of UVic regular faculty members can hold Distinguished Professorships at any time, and the positions will be distributed among all faculties at the university.

VIKES CLINCH NATIONAL FIELD HOCKEY TITLE—AGAIN!

The UVic Vikes women's field hockey team are the 2002 Canadian Interuniversity Sport champions.

The Vikes beat their archrivals, the UBC Thunderbirds, 2-0 in frosty conditions at Huskies Stadium at St. Mary's University in Halifax on Nov. 3. The victory was the 10th national championship for Vikes coach Lynne Beecroft—the most national titles in the sport ever collected by a Canadian university.

The Vikes overcame UBC with a complete team effort. "Every day it was a different player stepping up for us," says Beecroft.

Vikes outstanding centre-defender, Lauren MacLean, won the Liz Hoffman Award as CIS player-of-the-year—an honour she won previously in Canada West. In three appearances at the national competition, MacLean, a fourth-year social sciences student, has won silver (1999), gold (2000) and bronze (2001) medals.

MacLean also shared the CIS Gail Wilson award, for outstanding contributions off the field, with Robin Leslie of the University of Waterloo. MacLean participates in the WITS anti-violence program in Victoria schools and is part of the Big Brothers/Big Sisters organization.

MacLean was named to the tournament all-star team along with Vikes Tara Geach and Sara Simpson. MacLean and Simpson also landed berths on the CIS field hockey all-Canadians team.

UVic, East China Normal University exchange turns 20

by Robie Liscomb

For the past two decades, a steady stream of scholars and students has flowed between UVic and East China Normal University (ECNU), one of China's leading teacher training institutions, recently ranked number two among all Chinese universities in its classification.

To mark the 20th anniversary of this mutually beneficial academic exchange, UVic hosted a visit by ECNU President Dr. Wang Jianpan and Prof. Huang Liping, director of international exchange, in late October.

"Over the years, more than 30 faculty members from ECNU have come to UVic as visiting scholars," says Dr. Anthony Welch, UVic's executive director of international affairs. "They've been hosted by an impressive number of departments, indicating the depth and range of our academic co-operation. And there's also been a regular exchange of visits by administrators of both institutions."

Most of these visiting scholars have spent 10 to 12 months here, working with colleagues in their host departments, improving their language capabilities and learning about Canadian society. One of these scholars was Huang, who came to UVic's department of linguistics on an exchange in 1997–98.

In addition, several UVic faculty members, among them Drs. Neena Chappell (sociology, centre on aging) and David Lai (geography), have conducted collaborative research with ECNU colleagues.

Likewise, more than 30 UVic students have gone to ECNU to study Chinese language and culture and many have gone on to successful careers in China relations.

Third-year Pacific and Asian studies student John Shook speaks

EXCHANGE ... *cont'd on p. 10*

Canada Research Chairs ... cont'd from p. 1

There are many applications for optical circuits in telephone and cable television networks, areas where fibre optics currently doesn't come into play. As new technologies are introduced, fibre can be extended closer to customers, resulting in higher data speeds, lower costs and better reliability.

"I'm also looking forward to exploring things that interest me and are potentially useful, even though their use might not yet be obvious," adds Darcie. "A university setting provides the opportunity to explore such things, a freedom that is becoming increasingly rare in corporate research labs."

Dost, currently the chair of UVic's mechanical engineering department, has been studying crystal growth since 1989. As the Canada Research Chair in Semiconductor Crystal Growth, Dost will focus on developing high-quality alloy semiconducting bulk single crystals.

Semiconductors refers to materials used as a base for opto-electronic and electronic devices. "All electronic devices need some kind of semiconductor single crystal substrate," Dost explains. "For example, computers use silicon substrates as semiconductors."

Dost is interested in growing materials that would be used as semiconductors in devices such as blue lasers, nuclear medical imaging, and x-ray instruments. Materials that will be used for medical imaging will work at room temperatures, and won't need cooling systems. As a result they'll be small, so little in fact that even tiny offices can use them. They'll also require less maintenance.

Almost all Canadian companies that grow bulk crystals are located in Victoria. The growth technique that interests Dost is called liquid phase electroepitaxy. "In this technique we're ahead of almost everyone at the moment," says Dost.

"The rest have given up because of the difficulties of this technique and the fact that the growth rate is small—only about half a millimetre a day. But the UVic team has increased that rate by about 20 times, which will make this technique commercially viable."

As holder of the Canada Research Chair in Deep Ocean Research, Tunnicliffe (biology/earth and ocean sciences), will expand her work on the biodiversity of deep sea ecosystems and spearhead a major new project on water column, seafloor and sub-seafloor phenomena along the southern B.C. coast.

VALERIE SHORE

Tunnicliffe and a deep-sea crab specimen.

Tunnicliffe is a leading authority on deep-sea life, especially the strange ecosystems that develop near hydrothermal vents at mid-ocean ridges. She's the author of 78 articles on marine science, and her many honours include the Science Council of B.C.'s New Frontiers in Research award (1999), a Steacie Prize from the National Research Council (1993), and election to the Royal Society of Canada (1992).

Much of Tunnicliffe's time in the coming years will be taken up as project director of the Victoria Experimental Network UnderSea (VENUS) real-time ocean observation system, which was awarded more than $4 million in funding earlier this year from the Canadian Foundation for Innovation. The underwater network of fibre-optic cable will provide scientists and the public with continuous biological, oceanographic and geological data from three locations—Saanich Inlet, the Strait of Georgia and the Strait of Juan de Fuca near Race Rocks.

"I'm very interested in bringing inshore a lot of the research we've been doing offshore, and through VENUS we can do that," says Tunnicliffe. "As an integrated, online observatory, VENUS will allow us to track water column, seafloor and subsurface events as they happen, and assess subsequent changes in diversity."

Dr. Alisdair Boraston, awarded a tier-two Canada Research Chair in Molecular Interactions, is currently doing postdoctoral studies at the University of York in England. He'll join UVic's department of biochemistry and microbiology on Jan. 1, 2003.

Boraston, who was raised in Victoria and earned his BSc and PhD at UBC, studies how proteins interact with sugars—information critical to our understanding of processes such as microbial infection, recycling of plant carbohydrates, cell development, carcinogenesis, immune response and reproduction.

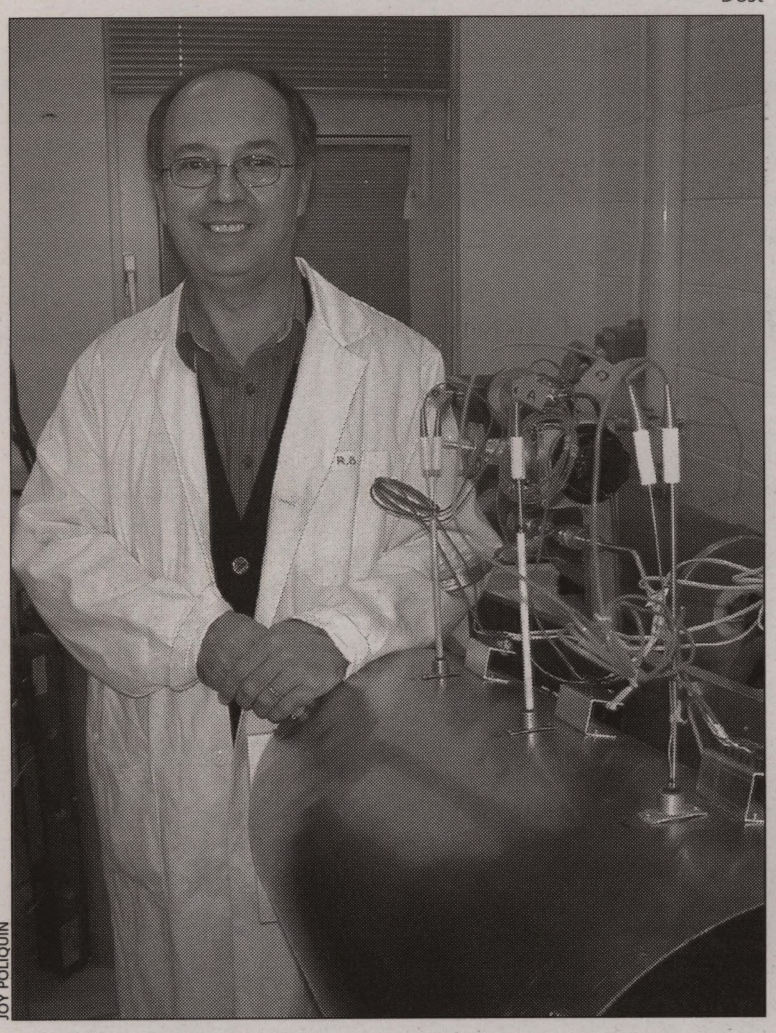
"I do this at two levels," he explains. "The fundamental level deals with what factors are important in making a protein and sugar stick together. The practical level deals with how we can manipulate this to our benefit—new ways to treat infections, improved enzymes for the food and textile industries, or better methods for alternative fuel production."

Most recently, Boraston has focused on how microbial enzymes interact with cellulose and other plant sugars.

"My initial research at UVic will continue along those lines." he says, "but very quickly I intend to include studies of how carbohydrate-binding proteins play a role in bacterial infections," His work will have relevance for such conditions as tuberculosis, cholera, and food poisoning.

UVic is expected to be awarded 21 more Canada Research Chairs over the next three years. For more information on the program visit <www.chairs. gc.ca>.

Dost



JOY POLIQUIN

Boraston

SHIRLEY ROBERTS

UVic ranks near top in new surveys

TV has its ratings period and now universities have their rankings season. In addition to the recent Strategic Council/UThink student survey in the *Globe and Mail*, where UVic received top marks among universities in Western Canada, *Maclean's* magazine and Re$earch Infosource have in recent weeks released rankings of Canadian universities.

In the annual *Maclean's* rankings, UVic placed fourth in the comprehensive category for the fifth year in a row. The national newsmagazine ranked the University of Guelph number one this year, followed by Waterloo and Simon Fraser. UVic topped the list in medical/science grants for faculty. The same four universities have formed a tight cluster at the top of the category every year since it was created in 1992. UVic has finished first overall twice.

UVic also finished fourth among comprehensive universities in the 2002 version of Re$earch Infosource's "Canada's Top 50 Research Universities" report. Guelph, Waterloo and Carleton led the comprehensive pack. The report, which measures research income and intensity, was carried in the *National Post*. (see Around the Ring, p. 11).

UVic also placed seventh out of 42 Canadian universities in the annual financial accountability disclosures rankings issued this fall by three professors in the Wilfrid Laurier School of Business and Economics. UVic was 10th last year.

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Distinguished professorships

Educator lauded as pioneer of science learning

by Robie Liscomb

In September, dozens of the world's top researchers in language and science literacy gathered at Dunsmuir Lodge to network and share research insights. The conference could not have occurred without Dr. Larry Yore—and not just because he was the co-organizer.

Without Yore, there might not be a field of scholarly enquiry studying the role of language in learning science, and many thousands of students around the world might not have benefited from the improvements in science learning that have resulted.

In 1970, when Yore joined UVic's faculty of education, and for several years thereafter, he was virtually the only researcher in the field. "He's been a pioneer in this field, establishing the value of using language-oriented strategies to help learners engage successfully in science," says one of his nominators. "It's a field for which he's greatly responsible for establishing."

"He has produced a sustained, internationally recognized body of exemplary research," says another nominator, increasing our understanding of "the characteristics of science textbooks that support and inhibit students' reading, of the difference between boys' and girls' reading in science, of how reading and writing ability in science can be assessed," and on and on.

The language-science connection is now well-established as an international, interdisciplinary field of enquiry, and Yore, with colleagues from Iowa state University and the University of Alberta, is currently writing a survey of the past 25 years of research on the literacy component of science learning.

Yore's referees consistently praise him as a teacher and mentor. Characteristically, he ensured that the conference at Dunsmuir included young scholars, providing them an opportunity to connect intellectually with established contributors to the field.

"We have to invest in the future of the field," says Yore. "Without planning for the succession, your area of research loses momentum."

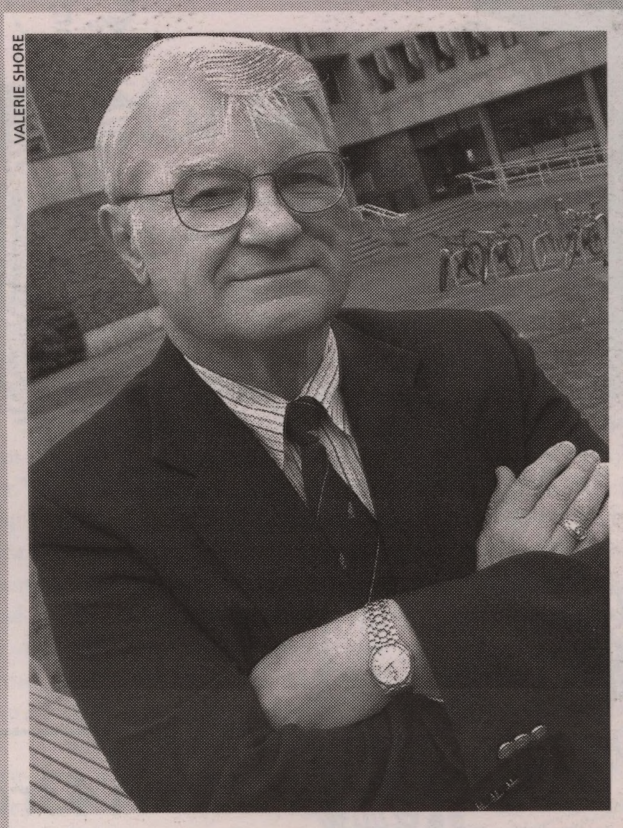
Yore has taught two generations of science education students and has supervised or sat on the committees of more than 135 graduate students. He's provided professional development for thousands of teachers of science across Canada and the U.S.

He's been equally involved in building the UVic community, serving as president of the faculty association, member of the board of governors, chair of the department of social and natural sciences in education, director of education extension activities, and leader of the elementary science education program for the past 32 years.

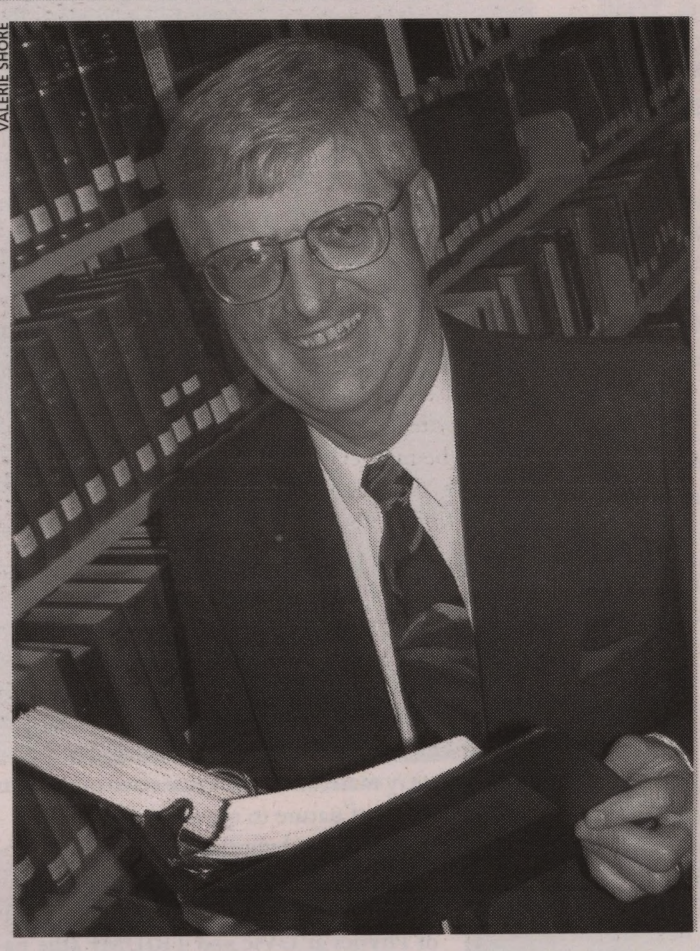
Yore will use the next five years as distinguished professor to pursue several initiatives in science education. With colleague Dr. John Anderson, Yore is an external evaluator of a five-year, $5.9-million U.S. National Science Foundation project to transform the way children are taught science in rural elementary schools.

He's also working on a major proposal to establish an international network in cognitive studies in language and science literacy. He's been invited to serve as associate editor of the new *International Journal of Science and Mathematics Education* and will continue teaching with a special focus on science and technology literacy.

Yore



VALERIE SHORE



VALERIE SHORE

Ferguson

Scholar widely regarded as Canada's leading criminal law reformer

by Patty Pitts

Two thick, leather-bound books sitting on law professor Gerry Ferguson's office desk are just one reason why the soft-spoken faculty member is one of UVic's inaugural Distinguished Professors.

The two volumes contain the instructions Canada's judiciary turn to before they charge a jury—instructions that, if given imprecisely, can cause overturned verdicts or mis-trials. Each year, the responsibility for reviewing the books' 2,200 pages falls to B.C. Supreme Court Justice John Bouck—and Gerry Ferguson.

Ferguson's national and international reputation as a criminal law scholar, especially regarding Canadian criminal jury instructions, and his influential role in shaping the ongoing evolution of UVic's law school, have earned him the highest academic honour UVic can bestow on a faculty member.

"He's probably the leading criminal law reformer in this country and is known throughout the English-speaking world as such," wrote one nominator. "I also have no doubt that he's well-recognized around the world, especially in countries sharing our common law tradition," wrote another.

Raised and educated in Ottawa, Ferguson was offered a graduate fellowship in criminal law from New York University prior to coming to UVic. He joined the faculty in its second year of operation, but soon became involved in shaping a program whose grads regularly rank as the best in the country.

In 1988, Ferguson helped introduce co-op education to UVic law—and the program remains the only law co-op in the country. He participated in developing an academic and cultural support program to make the law faculty more accessible to aboriginal students and was involved in creating the Akitsiraq law program, where Inuit students in Nunavut are earning UVic law degrees. Ferguson spent a chilly spring teaching at the Iqaluit campus.

"We have 14 students who are really engaged in learning law. Most have family responsibilities and complex lives but they're very keen to take advantage of this opportunity."

Ferguson was also the author of funding proposals that brought Dr. Michael M'Gonigle, as the Tri-Council Eco-Research Chair, and Jeremy Webber, as the Canada Research Chair in Law and Society, to UVic. He'll use his distinguished professorship to continue his research into restorative justice.

"He exemplifies what it is to be a committed teacher, an accomplished scholar and a contributor in every way to the university and the larger community it serves," says law dean Andrew Petter. "This recognition is one that's not only well-deserved but one that the whole law school can and will join in celebrating for all the work and commitment Gerry has given to us over the years."

Whether it's the frozen tundra of Nunuvut or the equatorial campuses of Hong Kong and Malaysia (he's well-known for his comparative work in Asia Pacific criminal law), Ferguson never passes up the opportunity to get into a classroom. "I continue to enjoy teaching. The students here are really engaged in the learning process. I gain a great deal of satisfaction from that."

Marketing expert looks at bank customer satisfaction

by Maria Lironi

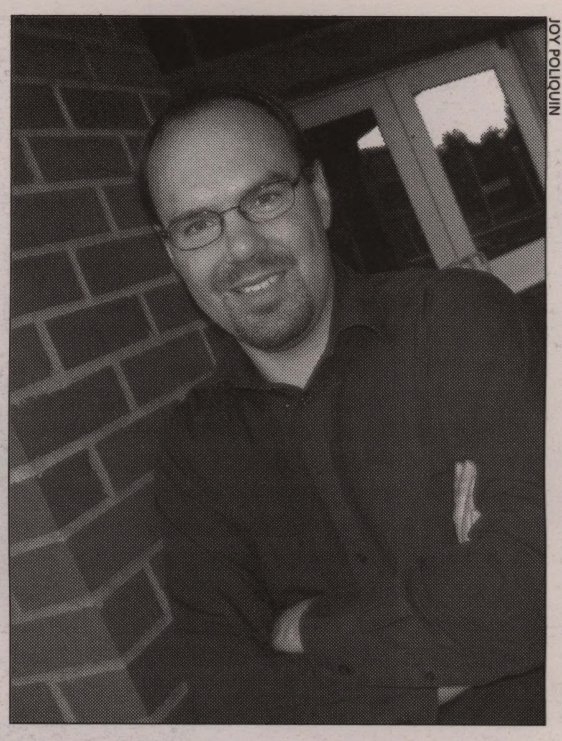
If you want to know what it takes to be successful in banking, talk to UVic's new associate professor of marketing, Dr. Mark Colgate. While employed at the University of Auckland, Colgate co-wrote *the* study about bank customer satisfaction and loyalty in the New Zealand banking industry.

"It was the first and only independent research on what consumers and businesses think of banks," Colgate recalls, "and it really has made a difference in the type and quality of services that the banks offer to their customers. We looked at issues that most market research firms wouldn't look at—such as switching barriers in banking, customer migration issues, and the importance of understanding the customer's origin."

Colgate says it would be great to to study the banking industry in Canada, especially since both countries have a similar industry structure and both have problems with perceived poor service."

Colgate's primary research areas are services marketing, financial services marketing, and e-commerce. In 1999, he received the Teaching Excellence Award at the University of Auckland—the highest award that the university gives to its teaching staff.

Colgate has taught in the U.K., Ireland, China, New Zealand and Canada. He's consulted for many service organizations including the Commonwealth Bank of Australia, the ASB Bank, the Bank of Ireland, the Bank of New Zealand, Kiwi Experience, Toyota and Enerco. He received his BSc and his PhD from the University of Ulster.

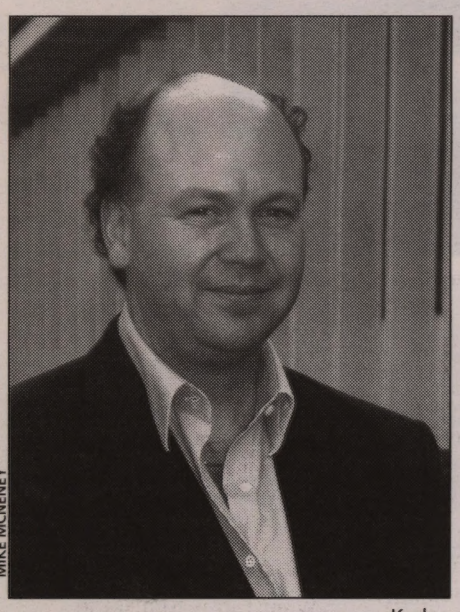


JOY POLOQUIN

Colgate

Physicist probes the building blocks of nature

by Mike McNeney



MIKE MCNENEY

Karlen

The Standard Model of fundamental particle physics has taken scientists tantalizingly close to understanding the basic building blocks of nature. But missing is observed evidence of what causes atomic particles to carry mass, and what causes two of the four forces of nature to act the way they do.

The main hypothesis lies with the so-called Higgs mechanism and Dr. Dean Karlen, newly appointed R.M. Pearce Chair of Physics at UVic and TRIUMF (the national subatomic physics lab in Vancouver), is leading a proposal for Canada's participation in the next generation of physics experiments, the—"linear collider" that will smash electrons into their antimatter counterparts, creating exotic new particles from pure energy.

Before coming to UVic from Carleton University, Karlen was involved in LEP (the Large Electron-Proton collider at CERN, the European Centre for Nuclear Research, where spin-off technology led to the birth of the World Wide Web and medical imaging). Results from LEP have physicists around the world excited about the potential of the linear collider to lead them to the elusive Higgs particle.

"The linear collider is going to allow us to not only make [Higgs particles] but really see how they interact," says Karlen. "Higgs is the holy grail for two very different reasons. It gives us [an explanation] not only for mass, but it's also responsible for breaking the electromagnetic force and the weak force—the two completely different forces in our lives today. The data from LEP has already told us there's going to be something very interesting [in the linear collider]."

International consensus among physicists supports the linear collider, even with its $3.5 billion (U.S.) price tag. A decision is expected next year from the German government on whether it will host the facility, which would open in 2010. Karlen says Canada's early commitment to the experiment is vital. "If we're not involved in the hard work of building the machine, then we won't be invited to participate in the experiments," he says.

Development is already underway (in the basement of the Elliott building) for a prototype component of the linear collider.

For Karlen, the pursuit of pure knowledge revealed by particle physics comes from a personal motivation to understand how the universe formed and how its forces interact.

"The key thing is to keep in your heart some youth and enthusiasm for trying to answer these questions. Maybe we shouldn't expect that we can answer them … but we have to try."

Getting **the strait** goods

An oceanographic research team uses creative ways to measure what's going on in the Strait of Georgia

DARREN STONE

Dower and a new underwater instrument which automatically counts and sizes all the plankton it encounters.

by Valerie Shore

Cross the Strait of Georgia by ferry over the next three or four years and there's a good chance you'll also be conducting oceanographic research.

Well, not you personally. But below you, deep in the bowels of the ferry, sophisticated instruments will be measuring water conditions as the vessel plies back and forth across the strait. What those instruments reveal may one day help fisheries managers predict changes in fish abundance.

"Our goal is to find out what it is that makes the Strait of Georgia a particularly good environment for fish in some years, but bad in other years," says Dr. John Dower, a fisheries oceanographer in UVic's department of biology and school of earth and ocean sciences. He's part of a new research initiative known as STRATOGEM—the Strait of Georgia Ecosystem Modelling project—which seeks to understand the complex physical and biological dynamics at work in the strait.

"The Strait of Georgia is one of the most productive areas on the B.C. coast, particularly for juvenile fish, yet we know surprisingly little about how it works," says Dower. To get some answers, he and STRATOGEM partners at the University of British Columbia (UBC), the Department of Fisheries and Oceans (DFO), and Parks Canada are focusing on three key physical processes: the Fraser River outflow, which carries vital nutrients; windstorms, which mix the water; and inflow from the open ocean, also a rich source of nutrients.

> **"The Strait of Georgia is one of the most productive areas on the B.C. coast, particularly for juvenile fish, yet we know surprisingly little about how it works.**

These processes—which vary annually, seasonally, daily and sometimes minute by minute—can combine to make conditions ideal or poor for the growth of plankton, the microscopic plants and animals that form the base of the marine food chain. "What we have to do is untangle how these processes condition the water column to be good or bad for plankton growth," says Dower. "Then we can use ecosystem modelling to come up with rules about what makes a good or bad year for fish."

But first they need the data. A constant problem with marine field work is getting out on the water often enough. The team has come up with two novel solutions. One is B.C. Ferries. By next spring, a ferry on each of the three main routes that cross the strait will be equipped with instruments to measure water temperature, clarity, salinity, and nutrient and plant-life content. "We'll get snapshots of what's happening in the surface waters several times each day," says Dower.

To get the deeper 3-D picture, the team goes out monthly to nine test sites around the strait, where water samples are taken from surface to seafloor. Speed is critical. "The strait is such an active place, with tides, currents and the Fraser River plume, that we need to work as quickly as possible," explains Dower. A traditional ship would do the circuit in two days. But a Coast Guard hovercraft, whisking along at about 80 kph, can do the job in eight hours.

By the end of the four-year project, the team hopes to have enough data for predicting trends in productivity in the Strait of Georgia. The hope is that fisheries managers will incorporate these environmental factors into their models for predicting salmon returns, for example.

"This could be the earliest heads-up they could have that we're looking at a really strong or poor salmon run several years down the road," says Dower. "It won't be precise, because so many things can happen to these fish in the intervening years. But it's a start."

The STRATOGEM project is funded by the Natural Sciences and Engineering Research Council.

Not all plankton are created equal ...

And this is what makes John Dower's part in the STRATOGEM research so challenging.

As a fisheries oceanographer, Dower wants to know how physical processes in the Strait of Georgia—such as currents, tides, winds, the Fraser River outflow, and ocean inflow—affect the amount and distribution of plankton in the water. More plankton can mean more food for fish.

"My group is looking at how plankton distribution changes through the seasons across the sites we're measuring in the strait, and how we can link those changes back to the sorts of physical measurements that my colleagues at UBC are interested in," says Dower.

For years, it was believed that the classic marine food chain goes in a linear fashion from large phytoplankton (plant plankton) known as diatoms, to zooplankton, small shrimplike animals such as krill and sea lice. They in turn get gobbled by small fish, which become dinner for larger fish, and so on.

But it's not quite that simple. In years with fewer windstorms to mix the water, smaller phytoplankton known as flagellates seem to predominate. They aren't big enough to interest the zooplankton that fish feed on. So another step has to be added to the food chain to get things big enough for the fish to eat. And that's not a good thing. "The more steps in the food chain, the less energy there is at the top for the fish," says Dower.

That's why precise measurements of phytoplankton species and abundance are so critical.

"In some years, conditions combine to create the right phytoplankton at the right time, which can lead to good fish food. That's the argument we're trying to make."

Be a leader for the United Way

by Patty Pitts

Neither David Clode or Kim McGowan can remember exactly when their longtime support for the United Way qualified them as leadership donors (those who donate more than $500 annually).

"I've been supporting the campaign since before I can remember," says McGowan, systems development manager for student records. "I started off giving $2 a month on payroll deduction, then as my salary was reviewed I also put some of that into the United Way. If you don't have the money in your pocket, you don't miss it."

Clode, executive director of student and ancillary services, has been a United Way supporter "since the '70s. Somewhere along the line I realized that for just a few dollars more a month, I'd be in the leadership category."

Gifts by leadership donors are a significant factor for the success of this year's United Way campus campaign, which is 90 per cent toward its 2002 goal of $120,000.

"My husband, [business associate professor] Dave McCutcheon, and I have been United Way supporters for years, and I was honoured to be asked to take on the role of leadership committee chair for the campus campaign," says assoociate dean of business Dr. Rebecca Grant.

"Demand for the services of every United Way agency is skyrocketing, and the generosity of leader donors is more important than ever. I'm delighted to say we have 14 new leaders so far this year, in addition to increased support from our continuing donors in the $500+ category."

Both Clode and McGowan have personal reasons for giving at the level that they do. "There were some neighbours of mine whose children had heavy support from United Way agencies. It made me want to do more than just a one-time donation and do a monthly gift. I'm totally amazed by how many people in the Greater Victoria area are touched by United Way agencies," says McGowan.

"You reach a point in your life when it's time to support an organization because you have the capacity to do so," says Clode. "This university was built for my generation and now we're coming into the peak of our capacity to pay back. The community's infrastructure of social support was expanded to support baby boomers. Now it's time to pay the system back, especially now when social agencies are so much in need of our support."

To make a pledge to the United Way campus campaign, visit the campaign Web site at <unitedway.uvic.ca>. For more information about the campaign's leadership category contact Grant at 721-6423 or rgrant@business.uvic.ca.

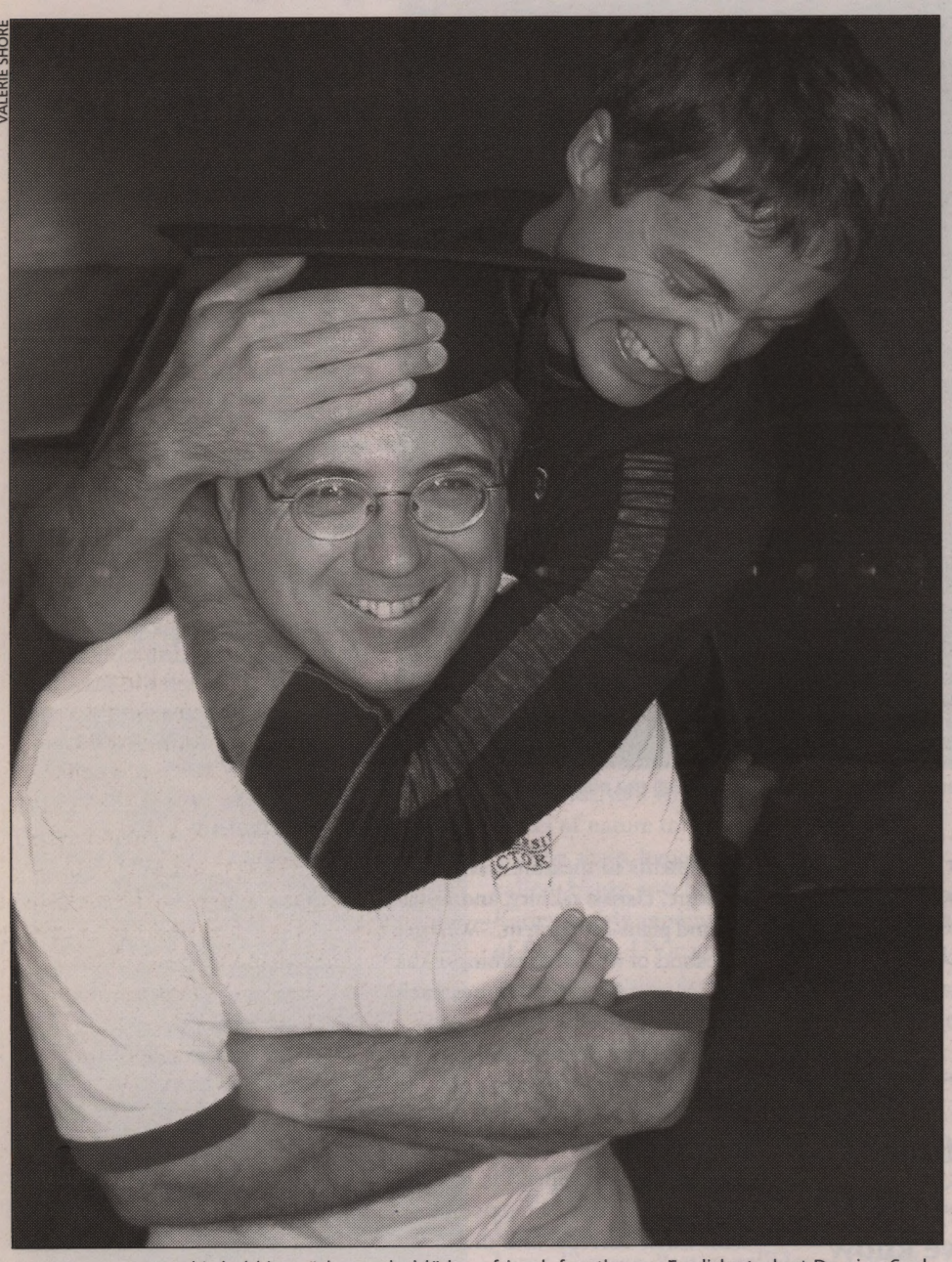
Women rowers make it six in a row

The Vikes women's rowing team won their sixth consecutive Canadian University Championship in St. Catherines, Ontario last weekend.

UVic finished with 90 points, more than double that of the second place team from University of Western Ontario. The team has held the title ever since it was first introduced. The Vikes men's squad finished second overall but won what's considered the major race—the men's eights.

Elsewhere in Ontario, the Vikes women's cross country team was chasing their fifth consecutive Canadian Interuniversity Sport (CIS) title in Ottawa but had to settle for the bronze medal behind powerful teams from the Universities of Toronto and Manitoba. Andrea Depol was named as a second team All-Canadian. The men's cross country team finished eighth.

At nearby London, Ontario, the Vikes men's soccer team finished third in their pool and missed the medal round at the CIS championships, but team members Jordan Robinson was named a second team CIS all-star and Kingsley Jones was named a tournament all-star.



VALERIE SHORE

Everard is held in a "sleeper hold" by a friend, fourth-year English student Demian Seale.

"IT SUDDENLY STRUCK ME— PROFESSIONAL WRESTLING *IS* THEATRE"

by Patty Pitts

TO A DEVOTED professional wrestling fan, headlocks and body slams inflicted in the wrestling ring are spontaneous and visceral—the product of simmering grudge matches between glowering opponents.

But theatre graduate student David Everard sees the spirit of the Commedia Dell'Arte character Arlecchino in the spandex-clad wrestlers, in performances that maintain that theatre form's same delicate balance between structure and improvisation.

"The similarities are there. Each match has a basic plot which leaves enough room for some of the actors—the wrestlers—to improvise," says Everard, whose master's thesis defends his theory that professional wrestling is a legitimate form of theatre.

The conferring of his MA degree this month caps a hat trick for Everard who previously received a BFA in theatre and a BA in classics and sociology. The achievements are especially satisfying to Everard since he first came to UVic in 1990 as a mature student after dropping out of high school in Grade 11 nearly 20 years before.

A summer course in theatre while studying for a writing degree hooked Everard on theatre history, but a moratorium on graduate admissions sent him back to undergraduate studies for his second degree and a year of non-degree graduate courses before he could finally enrol in UVic's master's program in theatre.

He initially focused on fourth-century BCE south Italian phlyax vases, whose iconography depicts theatrical scenes, when his grad supervisor unexpectedly retired early. Unsure what to do next, Everard, a life-long sports and wrestling fan, was watching a match on TV one night "when it suddenly hit me—professional wrestling is theatre, but how do I prove it? That became my thesis."

After many attempts, he finally arranged an interview with one of wrestling's royal family, Canadian Bret "Hitman" Hart. The wrestler warmed to Everard's theory, providing him with a match on which to hinge it.

"It was a 1992 WWF Summerslam match between Hart and David 'British Bulldog' Smith in Wembley Stadium," recalls Everard. When Smith forgot the pre-planned scenario, Hart had to prompt him during moves—actions that are evident on a video of the match.

"It was proof of what I'd said in my thesis so far," said Everard who also contacted Stu "Bulldog Bob Brown Jr." Kemp, a road manager and wrestler with the Vancouver-based Extreme Canadian Championship Wrestling Promotion. "He explained how he creates a character, and how he plays that persona to the crowd."

Everard is converting his thesis into a fine arts course (FA 335) and is considering writing a play based on a 1996 match where Bret Hart lost a championship title due to questionable tactics employed by WWF owner Vince McMahon.

"There's no more a problem of truth in wrestling than in the theatre," says Everard, quoting French social and literary critic Roland Barthes. "Once I found this quote, it opened up my entire thesis."

The rite stuff

Convocation's team of volunteer marshalls helps keep the ceremonies running smoothly

by Joy Poliquin

WANT TO KNOW what to expect at convocation? Dr. Reg Mitchell has committed the steps of the ceremony to memory. As the chair of the ceremonies committee and organizer of marshalls, he's attended almost 30 years of convocation ceremonies, and he still hasn't had enough.

"I guess I like ceremonies," he says. "Being a part of convocation means you get to find out where all the students you've taught have ended up. Often, I'll teach someone in second year and then wonder where that person got off to, because they seem to have disappeared into the abyss. Of course, not everyone likes convocation as much as me."

Mitchell certainly tries to get others excited about convocation, since he's in charge of recruiting faculty and staff marshalls for the ceremony. "I've had to do a bit of arm-twisting, because we need 12 marshalls per ceremony, but since staff started volunteering a few years ago, it's been a tremendous help."

Marshalls are responsible for organizing students in the Clearihue Building before they head to the University Centre for the ceremony. They're also in charge of giving students a final pep talk and letting them know which side of the mortarboard the tassel goes on.

Students have to be lined up in the right order to receive their certificates, and organizing up to 380 students per ceremony can be a challenge. In the past, groups of students have wandered off, lost their place in line, or simply been in the wrong line up to begin with.

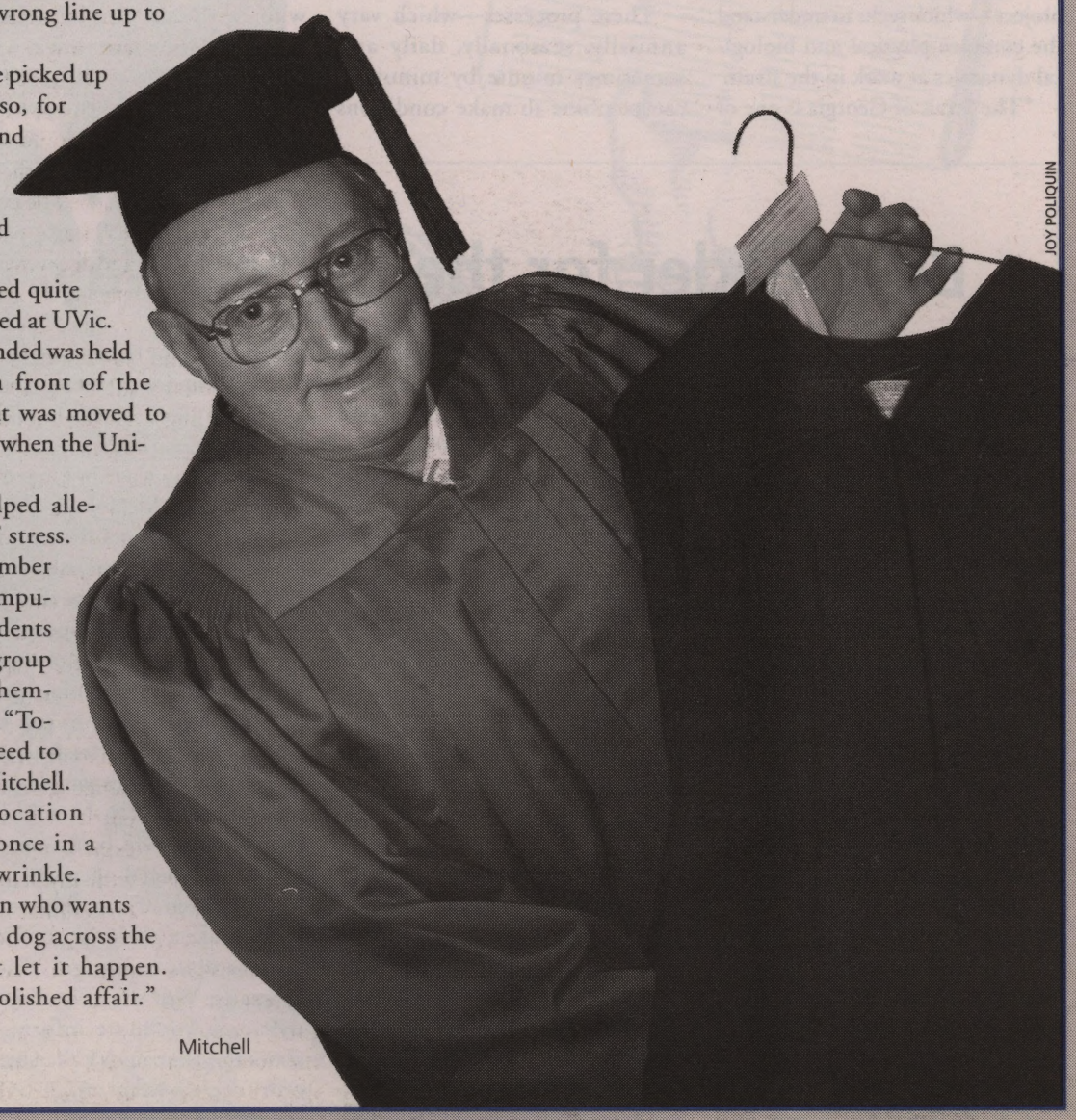
"Once or twice grads have picked up the wrong colour of hood, so, for example, a BA student found himself about to graduate with a BSc. Marshalls are there to help students find their way."

The ceremony has changed quite a bit since Mitchell first arrived at UVic. The first convocation he attended was held outside at the ziggurat in front of the McLaurin Building. Then it was moved to McKinnon Gym until 1978 when the University Centre opened.

Technology has also helped alleviate some of the marshalls' stress. Each student is given a number assigned to them from a computer database. In the past, students had to locate their degree group first and then organize themselves in alphabetical order. "Today, the grads don't even need to know the alphabet," jokes Mitchell.

Most years, the convocation runs smoothly, but every once in a while, the marshalls hit a wrinkle.

"You have the odd person who wants to bring their baby or their dog across the stage, but we usually just let it happen. Mostly, convocation is a polished affair."



JOY POLIQUIN

Mitchell

JOY POLIQUIN

Paquette

BACK FROM THE BRINK: "GOING BACK TO SCHOOL PAYS OFF, BELIEVE ME."

by Patty Pitts

LIVING AN UNFOCUSED life as a Grade 10 drop-out in Sudbury, Ontario, Andrea Paquette was initially happy to leave the structure of classrooms and homework behind. Her crowd, by her own admission, was "destructive, and when I started seeing a lot of my friends getting in trouble with the law and the girls getting pregnant I thought 'I can do better than this.'"

Paquette has indeed done better. This week she graduates from UVic with a double major in political science and women's studies, is working as a research officer with the provincial government and has applied to the school of public administration to complete her master's degree.

She was only 16 when she came to Vancouver Island to live briefly with her mother. Paquette enrolled in high school in Campbell River, worked part-time, received some government assistance to room with three others and started pulling down good marks—good enough to join the scholarship club at CARIHI Secondary School.

"There was a counsellor there who went to bat for me. Everybody thinks when you drop out of high school you're done. But going back to school pays off, believe me."

Attending university with several scholarships, Paquette was selected by the political science department to participate in its co-op option. "I'm definitely an advocate for the program. An eight-month work term in government put everything I'd been learning in perspective and that's when I started to get those 'A's."

While impressed with several of her professors, she singles out Dr. Warren Magnussen for praise. "He's so approachable. He gets your mind into an analytical mode—thinking without crutches—so that you're able to contribute your knowledge and perspective, not regurgitating someone else's thoughts."

Magnussen returns the praise. "She's a very determined young woman who came to university with skills that needed to be developed. But she was very committed and I saw dramatic improvement. Andrea worked very hard and didn't shy away from challenge."

Paquette's interest in Magnussen's third-year urban politics course, requiring students to attend council meetings, spread beyond coursework. She's assisting on the Esquimalt mayoralty campaign of Connie McCann and is considering a political future.

"Right now I'm interested in carving out a career in the government so I can learn about how the various departments are linked and how they operate, but in the long-term I want to get into the political side of things," she says.

"Life takes you on a path," adds Paquette, clearly delighted with the one she's taken, "and you just have to go with it."

YOUNG AT ART: "INSTEAD OF KNITTING BOOTIES, I PAINT"

by Joy Poliquin

FELISA KIMBALL spends hours each week working in her basement art studio. She makes her own canvases, has a workshop full of art tools, and can't get enough of working with her hands.

At 70, the visual arts student will be the oldest graduate at this fall's convocation, but this doesn't faze her. Kimball says her age was never an issue.

"Your body is going to get old and you're going to get wrinkles and everything is going to sag," she says. "But you can still do something for your brain, I'm convinced of that. Of course I was always the oldest in my classes. I could be the mother of the instructor and the grandmother of my fellow students. But I never felt foreign to the environment. I adapted myself to it, so I could reach over two generations."

Born in 1932 in Chile, Kimball grew up in two cultures. When she was three, her family moved to Italy, where they remained for 12 years before returning to Chile. In Italy, Kimball remembers painters setting up easels around the town during the summer.

"They would paint open air landscapes and when they were finished, there would be an exhibition in my school. I spent hours watching those people paint. I loved the brushes, the mixing of colour, the smell of the linseed."

But Kimball didn't pursue this interest in art until recently. She became a Spanish teacher in Chile before she and her husband moved to Canada in 1973. Then she pursued a master's degree in Spanish language and literature at UBC, which she completed in 1979. When her husband died in 1992, she decided to investigate the visual arts program at UVic.

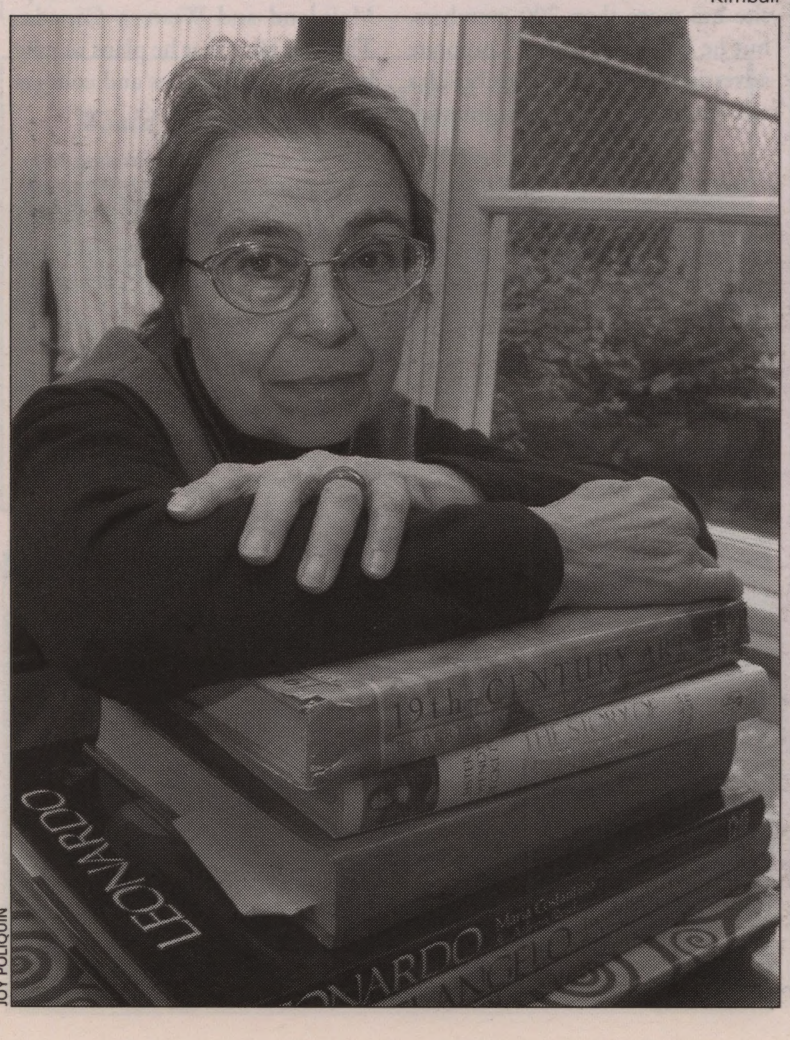
"I needed a change," she says. "I needed an environment that would give me a good shake." So she began an undergraduate degree in visual arts in 1994 as a part-time student, and discovered she has both talent and drive for painting.

"I've never enjoyed doing something so much. I loved all of it. There were challenges, but the solutions were inside me, and when the professor said 'Well done, great idea,' I felt like I could touch the sky with my hands."

Kimball believes her love of art stems from learning so many languages throughout her life. "I speak Spanish to my sister in Italy, Italian to my brother-in-law, and English to my friends in Canada. Language can be a bit of a barrier when I'm trying to express myself. But working with my hands lets me express things freely."

Kimball may have completed her courses, but this hasn't stopped her from working fervently at her craft. "I don't have children or grandchildren, so instead of knitting booties, I paint."

Kimball



JOY POLIQUIN

Convocation FastFacts

- UVic's first convocation ceremony was held May 25, 1964.
- The colour of the hoods reflects an undergraduate's area of study. Arts grads wear scarlet, while fine arts grads don green. Burgundy is for commerce, pink is for music, gold is for science, and apricot is for nursing. Education hoods are blue, social work's are citron, engineering's are orange and law's are blue-purple.
- The coloured hoods do more than signify field of study. They're also a nod to the hoods worn by monks in the Middle Ages. At that time, monasteries were the centres of higher education, and monks were the first to "convocate" students into a select group of scholars.
- BA graduates wear scarlet hoods, in homage to UVic's early affiliation with McGill University. The gold and blue that BSC and BEd students wear, respectively, is to honour early UBC ties.

There's Still Time to Register

Seats are still available in these intensive, hands-on training programs.

Managing Performance
This class is a core module in the Leadership Development Certificate Program. See more information at www.camosun.bc.ca/ce – Certificate Programs. *Monday Nov 4 9am-4pm (1 session) $135* (2002F LCDT 510V 001)

Workplace Aggression – Causes, Costs & Consequences
An elective module in the Leadership Development Certificate Program. *Nov 25-Dec 2 (3 sess) Mon/Wed 6:30-9:30pm $195* (2002F LDCT 520V 001)

Critical Skills for Communicating in Conflict
Oct 21 & Oct 22 9am-5pm $370 (2002 BSJI 550V)
in partnership with Justice Institute

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NEW - in partnership with Justice Institute.
FREE Information session Tues Nov 12 7- 8:30pm (IESP 990V 2002F)
Call 370-3841 to register & receive room number.

AutoCAD Level 2
Nov 25 - Dec 11 (8 sess) Mon/Wed 6:30-9:30pm & Sat 9am-4pm $635 (2002F TTCD 542V 001)

Inside Your Microcomputer
Nov 19 - 30 (6 sess) Tue/Thu 6:30-9:30pm & Sat 8:30am-3pm $275 (TTCM 611V F01)

Mapping What's On Your Mind
1 session Mon Oct 28 6:30-9:30pm $47 (2002F LNSK 505V)

Travel Counselling - Introduction
Saturday Nov 2 9am - 3pm $59 (2002F TRCT 991V)

Email cering@camosun.bc.ca for information on any of these Continuing Education programs.

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370-4565 BSCM, BSJI, LDCT, IESP and TRCT course codes
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EAVESDROPPING ON THE UNIVERSE

by Mike McNeney

IT'S EASY TO THINK of astronomy as a way of looking at the universe. But what about *listening* to the sounds from planets, stars and galaxies?

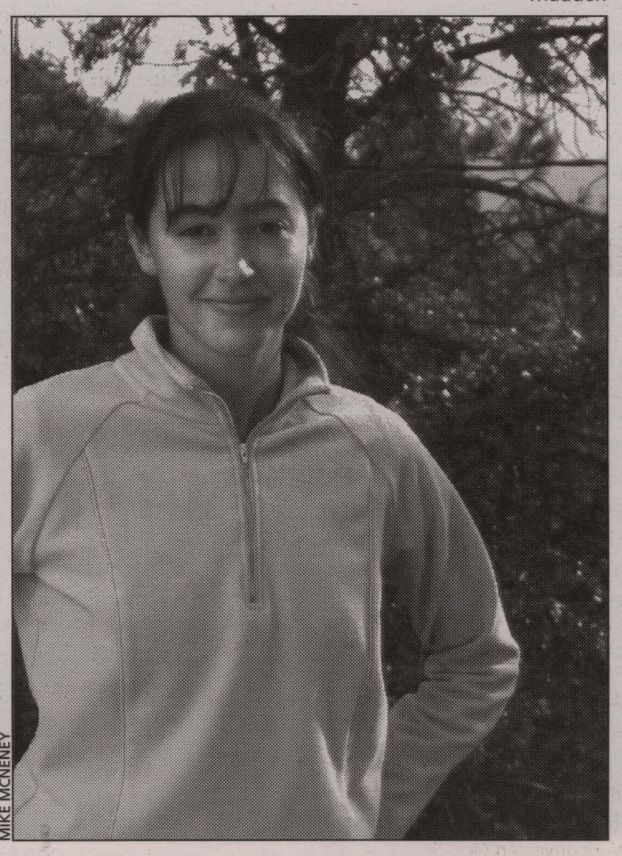
Step onto the roof of the Elliott Building and you might be puzzled by two 23-foot copper wires that are strung 10 feet in the air. They are the antennae of a radio telescope that captures emissions produced by Jupiter's magnetic field. The instrument was installed, from a kit, by Natasha Maddox for her fourth-year physics and astronomy honours lab project.

"It sounds like static, like a radio that's not tuned," says Maddox. "But then when Jupiter is visible and it's active, the frequency changes and the sound changes."

Maddox, from Vernon, grew up in a mathematical family and her natural affinity for science (especially physics) brought her to UVic where she thrived on the strong bond among students and faculty in the physics and astronomy program.

"I think I had an abnormally amazing experience at university. The courses themselves are just so hard and the workload is just unbelievable. But it's worth it and I found that the teachers take a personal interest in you. They really want you to do well, and they help you do well."

Maddox



MIKE MCNENEY

For the past several months Maddox has been employed in an extended co-op work term with the NRC's Herzberg Institute of Astrophysics on Little Saanich Mountain. She has helped Dr. John Hutchings analyse aspects of QSOs or "quasi stellar objects"—strong sources of radio emissions that are thought to be the bright centres of distant galaxies. "It's been interesting," says Maddox, "because I got to be part of the research right when it started and as it progresses."

While she won't see the project to its conclusion, the sounds of the universe—and dreams of becoming an astronomy researcher and professor—will be taking Maddox to a new stage of her education. At the end of November, she goes to Sydney to take up a summer scholarship with the radio telescope program of the Australia Telescope National Facility.

CREATING A MONSTER—AND A CAREER

by Maria Lironi

KNOWING WHAT YOU want and staying focused on it is the key to a successful entrée into the business world.

At least, that's the case for 25-year-old business grad Dietrich Wedegaertner who started his own business—a campus intranet called Monsterpin—during his final semester of the entrepreneurship program at UVic. Wedegaertner came to UVic in 1999 and, almost immediately, caught the eye of his professors.

"Dietrich was very engaged and active in his learning," says Dr. Brock Smith, who has instructed Wedegaertner in the principles of marketing and new venture marketing. "I think that's because he has always known what he wants to do after he graduates. He's a real go-getter individual and one of our top students academically."

Wedegaertner, who came all the way from Germany to take his undergraduate degree, says his business idea came to him during his first semester.

"I met a woman who was running a Vancouver hostel and trying to get the attention of the university market. She told me there were lots of people just like her, wanting to offer their goods and services at a discount to the student market. So I thought, wouldn't it be great if there was one Web site where all the businesses that wanted to offer a special deal to students, could offer their deals there."

Wedegaertner says he met many interesting people on campus who had great ideas and strong opinions, but didn't really know what to do with them.

"I thought it would be great to have a Web site that could help these people communicate with one another. That's why I created Monsterpin—to break the communication barriers within the UVic community."

Although the site has been up and running since last month, there's still a way to go before it becomes an unqualified success. The site has more than 700 members, but he has yet to attract corporate advertisers. His goal is to build a self-sustaining online community so that he can focus on implementing the Monsterpin concept at other universities.

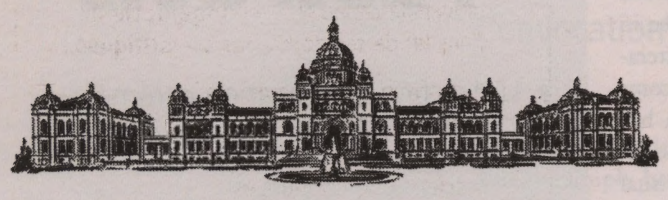
"I learned a lot from my experience at UVic," says Wedegaertner. "I learned how to work with others, how to improve my analytical thinking and how to spot value-creating business transactions. Now I'm applying these to my personal life and my own business."

In 2003, Wedegaertner intends to introduce Monsterpin (www.monsterpin.com) to the Lower Mainland and Western Canada. The year after that he plans to take his site to universities and colleges across the nation.

Wedegaertner

VALERIE SHORE

BC Legislative Internship Program 2004



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Business/economics scholar named top co-op student

by Maria Lironi

Cyril Elbers is truly an international man. At 24, he speaks five languages and has spent more time abroad than most diplomats. He's also a busy man, taking two concurrent degrees at UVic—a bachelor of commerce and a bachelor of arts in economics.

And now, Elbers has been named UVic's top business co-op student of the year. He received the award at a ceremony on Nov. 12.

"It's very humbling to receive this," says Elbers, "especially since I have so many excellent peers."

Elbers may have many outstanding peers, but his work certainly stands out. While enrolled in Camosun's hospitality program, Elbers completed co-op terms at a five-star Japanese hotel in Amsterdam and a ski resort in Japan. Most recently, during his 11-month stay in China, he worked for five months as a commercial assistant at the Canadian Embassy in Beijing.

"His work was highly praised by both his supervisor and the ambassador at the embassy," says Norah McRae, the business co-op and career centre's program manager. "He was also an excellent ambassador for the centre and the faculty of business."

There were 55 students eligible for the position in 2002 and each was evaluated on their contributions to their co-op employers, UVic, the business co-op and career centre, and to the community. Each student also had excellent evaluations from their work term employers and had a cumulative GPA of at least 6.5.

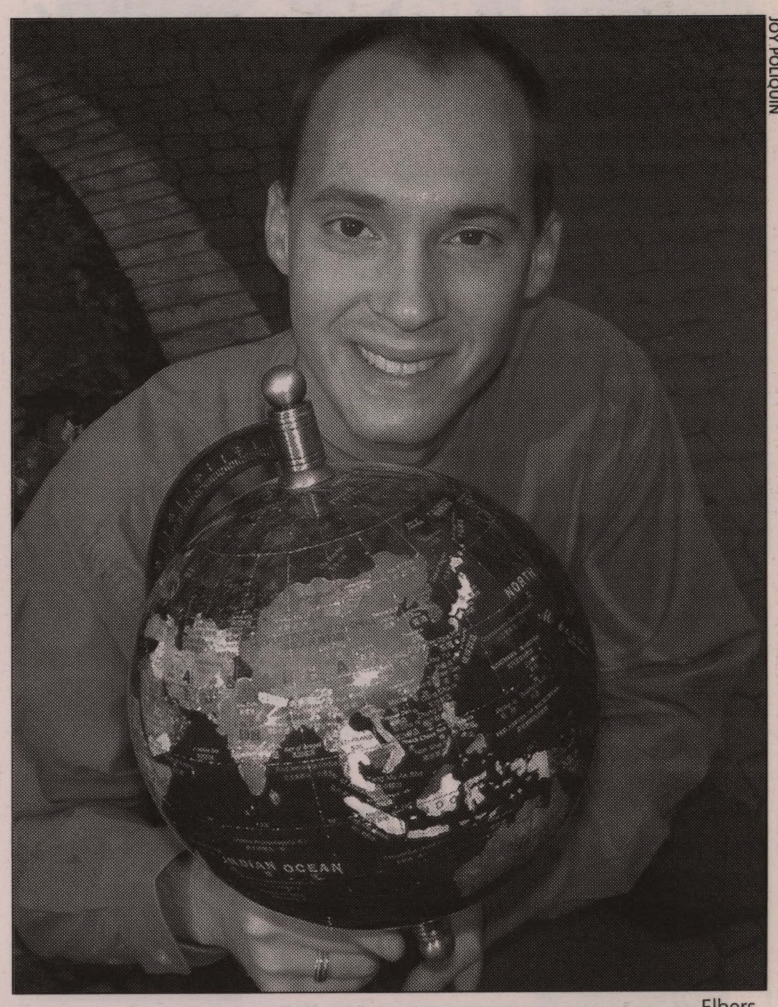
To be considered for the award, the candidates were asked to compose a letter about their co-op experiences and how they promoted the faculty and the co-op program during their work term. Twenty-four of the nominees wrote letters.

"The application letters were very compelling and it wasn't an easy choice," McRae recalls. "Cyril, however, had all the attributes we were looking for—high achievement on his work term, excellence in his academics, and a contribution to his community as well."

The "fantastic environment" at the co-op placement would allow any student to excel, says Elbers. "The embassy's constant encouragement and feedback gave me 'ownership' of my tasks, so I was more inclined to represent the university and embassy well. It just makes sense—when your employers think the best of you and appreciate your ideas. That's the environment where you're going to thrive."

During his time at the embassy, Elbers was responsible for developing a portfolio of Canadian trade and investment opportunities for the Beijing Olympics. "The most rewarding part of my experience at the embassy was the opportunity to help Canadian firms expand their businesses into China," says Elbers. "It helped clarify my career goals—to work in trade financing with a focus on emerging markets in Asia."

As the award winner, Elbers receives $500 from the TD Bank Financial Group. He plans to put the money toward his education.


JOY POLLOCK

Elbers

ringers

Writing instructor and *Vancouver Sun* columnist **Stephen Hume** has won the 2002 Jack Webster Award for Commentary. The honour is given to B.C. "editorialists who present informed, intelligent, original and balanced" commentary that helps readers define and grapple with important issues. Hume graduated from UVic in 1971 and was an editor of the *Martlet* before embarking on his career in newspaper reporting and management. He is also the author of several books of essays, natural history and poetry. The Websters are named for the giant of Canadian broadcasting who, in his 68 years in the news business, pioneered talk radio and television in this country.

Tanya Young, a master's student in public administration, is the winner of the Robert L. Richardson Trade Commissioner Service Award for excellence in international trade studies. The award is sponsored by the Department of Foreign Affairs and International Trade and provides a $5,000 student bursary. Young received the award for a report titled "An Examination of the World Trade Organization's Compulsory Licensing Rules, Its Implications for Stakeholders and Recommended Solutions." She received the award in Vancouver on Oct. 5.

Vikes women's field hockey coach **Lynn Beecroft** is among 31 B.C. female athletes featured in a special exhibit at the B.C. Sports Hall of Fame in Vancouver. The exhibit, "Celebrating B.C. Women in Sport—Leaders and Legends," pays tribute to some of the province's most accomplished athletes and teams. Beecroft, who recently coached the Vikes to their 10th national championship (see p.1), empowers athletes to believe in themselves and uses themes to motivate her team each season. UVic alumna and former world mountain bike champion **Alison Sydor** is also featured in the exhibit, which will be open for the next six months.

Jessie Sutherland, a UVic master's student in dispute resolution, has won the graduate student division of this year's Boskey Dispute Resolution Essay Competition, sponsored by the American Bar Association Section of Dispute Resolution and the Association for Conflict Resolution. Sutherland won for her essay "Colonialism, Crime, and Dispute Resolution: A Critical Analysis of Canada's Aboriginal Justice Strategy." The competition promotes greater awareness and interest in, and understanding of, the field of dispute resolution and collaborative decision-making among students enrolled in law schools and graduate programs in the U.S. and abroad.

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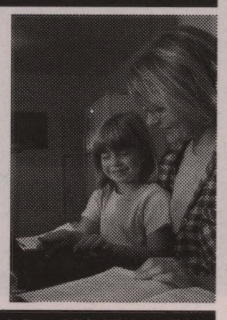

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Exchange program celebrates 20 years ... cont'd from p. 1

in glowing terms of his ECNU exchange in 2001/02. "Development in Shanghai is taking place at a phenomenal rate and it was a great opportunity to be there right in the middle of all the action," he says.

"The people I met in Shanghai were by far the highlight of my exchange experience—whether I was dining with a head editor of China's largest state-run newspaper or spending Christmas eve with a group of Norwegian expatriates."

Retired education professor Ted Owen was instrumental in the establishment of the exchange. Following a visit to China in 1981 by former UVic President Dr. Howard Petch, Owen was invited by the International Development Research Centre (IDRC) to negotiate a research relationship with ECNU. The relationship was funded by IDRC for several years.

"Our general approach was to respond to what ECNU wanted," explains Owen. "They'd been neglected during the decades of the Cultural Revolution and needed to catch up with education research in the rest of the world. UVic supplied them with masses of information in all fields of education."

In those early years, the UVic-ECNU collaboration was the largest such relationship between a Chinese university and one anywhere else in the world.

With the assistance of Dr. Jan Walls, then Canada's cultural attaché in Beijing, a summer institute was added to the program which, from 1983 to 1990 saw B.C. secondary school teachers attending six-week immersion courses in Chinese culture at ECNU.

UVic also played a role in the development of English-language listening curriculum materials that were sold in the tens of millions and used in 80 per cent of universities in China. Owen and others in the faculty of education assisted with evaluation of this "Step by Step" English-language tapes program and its revision in the late 1980s. "They felt that the Victoria accent was the most neutral of all English-speaking peoples," explains Owen, "and so we did a lot of taping for them right here."

"By any measure, the ECNU-UVic academic collaboration has been a model of effective and mutually beneficial international co-operation," says Welch. "We plan to build on our exchange of faculty and students, and we're actively looking for other sorts of collaboration, particularly in research and development."

ECNU is held in high regard across China, and, like UVic, it is a top comprehensive university that has vigorously expanded academic departments, curriculum, graduate studies and research programs. "Our 20-year partnership has built up friendships and trust that will serve us well," says Welch.

newsmakers

Global warming is causing a Vancouver Island landmark to melt, said Dr. **Dan Smith** (sociology) on CBC Radio's *On the Island* (Nov. 6). He's concerned the Comox Glacier is being affected by the increase in greenhouse gas emissions. "There is a process going on," he said. "The glaciers are in retreat, and are shrinking by about 25 metres per year."

"Canadians have clearly said 'Quit bickering, quit squabbling and do something about health care,'" said Dr. **Michael Prince** (political science) in *The Weekend Edition* (Nov. 1), of the provincial government's request that the federal government spend more on health care. "The government pays attention to polls. The prime minister did commit to a meeting with the premiers in February and the implication is that there will be some more money on the table."

"We'll give it away. We don't want make money out of this," said Dr. **Nigel Livingston** (biology) in the *National Post* (Nov. 7) of a tricycle for blind children developed by several members of the University of Victoria Assistive Technology Team (UVATT). Team members—faculty, staff and students—volunteer their time and expertise to create and test custom devices for the disabled (see *The Ring*, Oct. 31).

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UVic ranks high among Canadian research universities

UVic is ranked 18th among 50 Canadian research universities, based on sponsored research funding from government and non-government sources, in this year's survey by Research Infosource, Inc. Last year UVic placed 20th. "It's very gratifying to see UVic's higher ranking as further evidence of the growing strength of our research programs," says vice-president research Dr. Martin Taylor. UBC ranked fifth, with $193.4 million in research funding; UVic 18th with $41.6 million; and SFU 24th with $25.4 million. Further information is available on the Web at <www.researchinfosource.com>.

From food poisoning to bioterrorism

We apply it to make beer, wine and bread. We exploit it to develop antibiotics and vaccines. And some people misuse it to create biological weapons of mass destruction. *It* is microbiology, which is the topic of an upcoming public lecture at UVic by Dr. Daniel Portnoy from the department of molecular and cell biology at the University of California, Berkeley. In the lecture, geared for a non-scientific audience, Portnoy will describe how important microbiology is to modern life, and how there's still much to learn, especially about infectious diseases. He'll talk about the bacterium responsible for food poisoning—and the recent recall of 27 million pounds of turkeys in the U.S.—and how Russian scientists may have used his work to engineer a virulent strain of anthrax. "I'll then use this to discuss the former Soviet Union's biowarfare program and how scary it really was, and is," says Portnoy. "It's not what could be done, it has already been done and it is scary." The lecture, titled "The Molecular Biology of Infectious Disease: From Food-Poisoning to Bioterrorism" takes place on Tuesday, Nov. 19 at 7 p.m. in the Centre for Innovative Teaching, room 105.

Some mountain with your dessert?

Children may dream of mountainous desserts, but Dr. Bill Zuk (curriculum and instruction) imagines mountains *as* dessert in a recent series of artworks done in collaboration with Saltspring Island artist Paul Marcano celebrating 2002 as the UN International Year of Mountains. The works—digital prints and lightbox displays—are tongue-in-cheek depictions of mountains as desserts. "We selected images of well-known mountain peaks and used fancy glass containers as pedestals to make them special," explains Zuk. "Mountain forms were juxtaposed within glassware, digitally topped with various condiments, and swirled with an ice cream parlour flourish." The works will be included in the UVic faculty art exhibition Jan. 21–Feb. 13 and the artists are donating examples for the Capital City Volunteers online art auction, benefiting outreach services to seniors and adults with disabilities. The auction takes place Nov. 25–Dec. 8 on the Capital City Volunteers Web site (ccvolunteers.org/).

Minerva becomes part of national supercomputer

UVic's incredibly fast computer, known as "Minerva," linked up with thousands of other computers across Canada on Nov. 4 to create a supercomputer—the fifth largest in the world—that operated for a single day. In the future, scientists may use this technique for tasks that demand huge amounts of computer power. UVic's computer, an IBM RS6000/SB, is the size of three refrigerators. It tests models based on numerical simulations, processes large digital images and crunches massive volumes of raw data for UVic researchers working in the natural sciences and engineering. Based on the June 2002 listing of the fastest supercomputers in the world (compiled by the universities of Tennessee and Mannheim, Germany), Minerva would rank in the top 200.

Awards honour community spirit

UVic students are more than the sum of their marks. While juggling a full course load, many devote hours to volunteer work in the community and on campus. Others represent the university in varsity sports. Some do both. It's not easy, which is why the university created the Blue and Gold Circle Awards to honour their efforts. Do you know a student who is outstanding in both the classroom and the community? Consider nominating him or her for a Blue and Gold Circle Award. Nominations close Nov. 22. For more information contact the student awards and financial aid office at 721-8426 or visit <www.uvic.ca/safa>.

UVic Wind Symphony heads for Seattle

The UVic Wind Symphony, under the direction of Dr. Gerald King, will perform at the prestigious Western International Band Clinic in Seattle, Washington on Nov. 22–25. The performance will cap the ensemble's 2002 Pacific Northwest tour that began on Nov. 1. The Wind Symphony is a 52-member wind ensemble made up of students from UVic's school of music and music education program. The symphony is among only four top North American wind bands to be invited to perform at this high-profile event. The performance will feature vocal soloists Steven Price (baritone), an undergraduate music student, and Susan Young (soprano), senior instructor in voice and aural skills. If you want a taste of what's in store for Seattle audiences, the orchestra will perform in a 'send-off' concert on Thursday, Nov. 21, at 8 p.m. in UVic's Farquhar Auditorium. For details, call 721-7903.

Volunteers needed for Caravan for Peace visit

Another Caravan for Peace is headed to Chiapas, Mexico to bring international attention and material support to the indigenous communities in this strife-torn region. Prior to heading south for a pre-Christmas visit in Chiapas, the caravan is scheduled to make a visit to UVic. The indigenous governance program (IGOV) is planning an event involving the Caravan for Peace on Friday, Nov. 22 in the Human and Social Development Building and is looking for members of the UVic community who would like to help. For further information contact IGOV's director, Dr. Taiaiake Alfred, at 721-6440 or iprc@uvic.ca or check the IGOV Web site at <web.uvic/igov/index.html>. The Chiapas Caravan for Peace is organized by the Interreligious Foundation for Community Organization/Pastors for Peace. Before reaching Chiapas, the caravan will travel to more than 60 cities throughout Canada and the U.S. For more information visit <www.ifconews.org>.

Take a wok on the wild side

The creative folks at UVic career services invite you to "take a wok on the wild side" with their latest raffle prize to raise funds for the United Way campus campaign. In keeping with the tradition of assembling gourmet baskets focusing on different culinary tastes, this year's prize is a wok filled with everything food-lovers need to enjoy an Asian-inspired meal. View the prize online at <unitedway.uvic.ca/events.htm#career> or check it out in-person at career services in the Campus Services Building. Tickets are $2 each or three for $5. The value of the "Taste of Asia" wok is about $250 and career services staff will be 'woking' it around campus to show departments and faculties before the draw date of Dec. 19. For more information contact Kim Collopy at 721-8421.

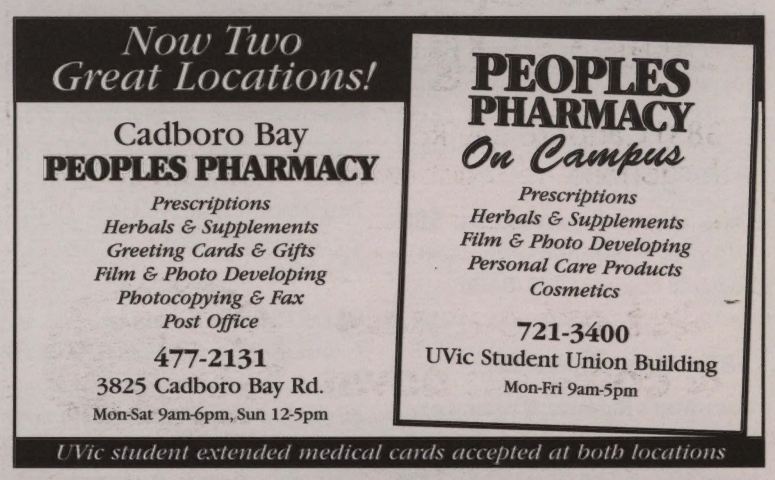
When bad weather strikes

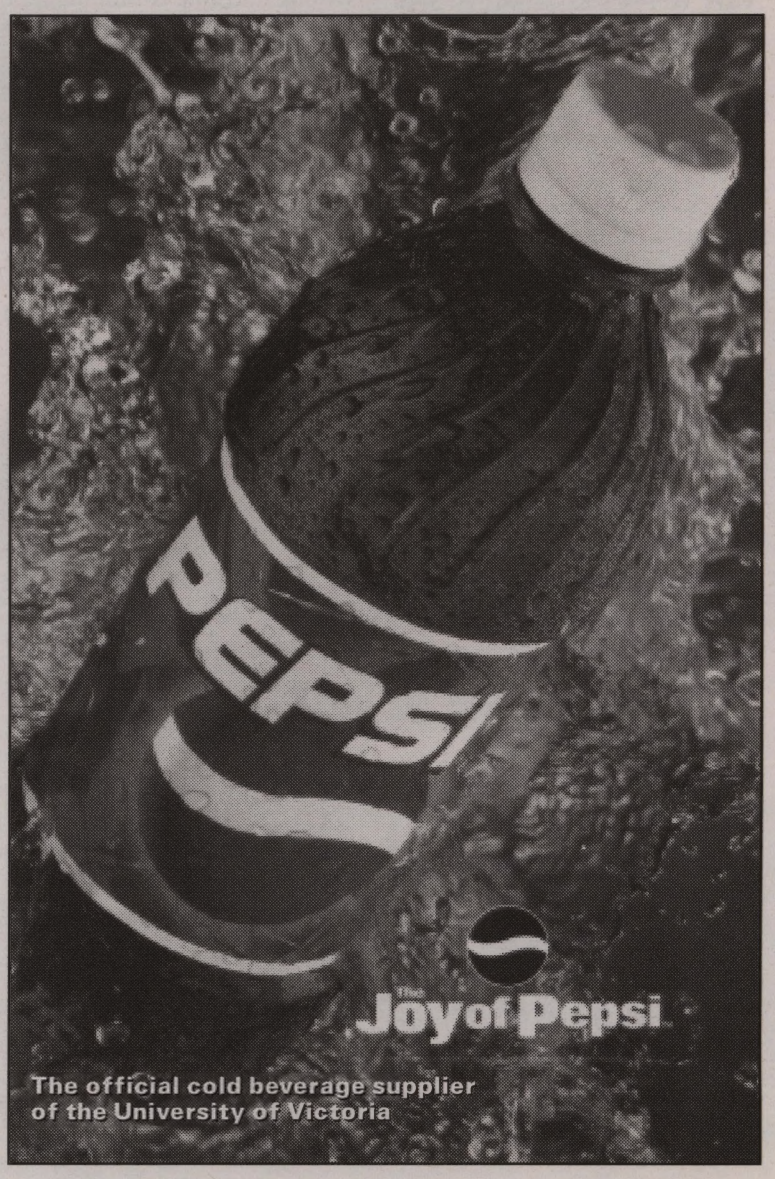
In the event of bad weather, listen to your local radio stations and CFUV for updates on possible class cancellations, road closures or other service disruptions. UVic will notify local broadcasters as soon as possible about any schedule changes that inclement weather may cause on campus. Check the UVic Web site at <www.uvic.ca>, as well, for the latest on any service disruption caused by bad weather.

DAPHNE DONALDSON

Focus on flowers

This is one example of the Finnerty Gardens-inspired photography of Daphne Donaldson (occupational health and safety), which will be featured in an exhibition beginning Nov. 19 and continuing until Dec. 13 at the Maltwood Gallery and the McPherson Library Gallery. Twelve new images will be exhibited. Donaldson provided photography for the beautiful 2003 Finnerty Gardens calendar, produced to raise funds for improvements to the gardens. The calendar features a first-class design treatment, inspirational quotations, horticultural notes and a brief history of the gardens. It's available at the UVic Bookstore and at the Hearts & Hands Craft Fair, Nov. 19 in the University Centre.





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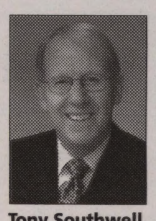

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Accelerated Payout:				
Income over 5 years	$934	Total 5 year payout	$56,040
Income over 10 years	$541	Total 10 year payout	$64,920
Income over 15 years	$404	Total 15 year payout	$72,720

*Based on best current guaranteed rate of 5.50%. Returns will vary depending on investment vehicle. A wide array of investments are available.

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...payments cease at death	$310	$338	$378	$420	$513	$615
...10 years guaranteed	$306	$329	$359	$388	$437	$475
Female:						
...payments cease at death	$292	$313	$342	$372	$449	$522
...10 years guaranteed	$289	$308	$333	$358	$407	$453
Joint Life: 10 yrs guaranteed	$272	$287	$308	$330	$377	$426

Various options concerning guarantee periods and survivor benefits available.
Annuities derived from non-registered capital have tax preferred treatment.

Life Income Funds (LIF): Figures and brochure available upon request. If you would like a personalized illustration or a copy of "Your Guide to RRIFs and Annuities" please phone or write: 402-645 Fort Street, Victoria BC, V8W 1G2
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At the Galleries

www.maltwood.uvic.ca or 721-6562

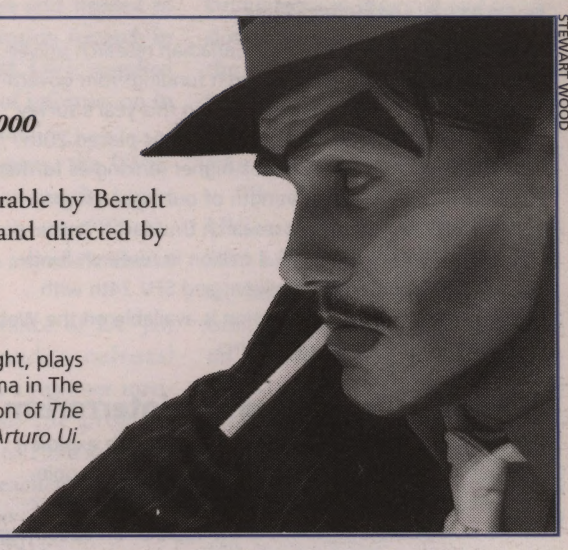
China and Beyond: The Legacy of a Culture (until Dec. 24) An educational exhibition featuring art objects from the Vancouver Museum, the Art Gallery of Greater Victoria, the Maltwood Art Museum and Gallery, and private collections in B.C. Maltwood Gallery.

Final Solutions: "Are We So Different?" (Nov. 9–Dec. 15) An exhibit of multimedia work by Amy Ainbinder that explores the relationship of past horrors and genocide to our world today. McPherson Library Gallery.

At the Phoenix Theatres

www.phoenixtheatres.ca or 721-8000

The Resistible Rise of Arturo Ui
8 p.m. (Nov. 14–30) A musical parable by Bertolt Brecht, adapted by Jennifer Wise and directed by Brian Richmond.



STEWART WOOD

Actor Zachary Stevenson, right, plays gangster Ernesto Roma in The Phoenix Theatres' production of *The Resistible Rise of Arturo Ui.*

Thursday, Nov. 14

Sessions in Spirituality 11:30 a.m.–1 p.m. *What Does Equality Really Mean?* Bill Draper, retired naval commodore and member of the Oak Bay Bahá'i community. Student Union Bldg., room B110A. **721-8338**

Friday, Nov. 15

Video Presentation & Discussion 11:30 a.m. *Children of Shatila.* Dr. Laurie King-Irani, presenter. Strong Bldg., room C114. **721-7483**

FridayMusic 12:30 p.m. School of music percussion students. MacLaurin Bldg., Phillip T. Young Recital Hall. **721-7903**

Law Lecture 12:30 p.m. *Wealth by Stealth: Corporate Crime, Corporate Law and the Perversion of Democracy.* Harry Glasbeek, York Univ. Fraser Bldg., room 158. **721-8162**

Computer Science Distinguished Lecture Series 1:30–2:30 p.m. *Nonmonotonicity in Geometric Searching.* Dr. Bernard Chazelle, Princeton Univ. and NEC. Centre for Innovative Teaching, room 110. **721-7209**

Vikes Women's Basketball vs. SFU 6:30 p.m. McKinnon Gym. Tickets available at event. **721-8406**

CAPI Video Presentation 7 p.m. *Factory Lives, Factory Theatre: Indonesian Workers Theatre.* Fraser Bldg., room 159. **721-7020**

Concert 8 p.m. *UVic Big Band.* Ian McDougall, conductor with special guest, Don Clark, trumpet and fluegelhorn. University Centre Farquhar Auditorium. (Admission $12/8). **721-7903**

Vikes Men's Basketball vs. SFU 8:15 p.m. McKinnon Gym. Tickets available at event. **721-8406**

Saturday, Nov. 16

Vikes Men's Rugby vs. Bayside 3 p.m. Wallace Field. **721-8406**

Vikes Women's Basketball vs. SFU 6:30 p.m. McKinnon Gym. Tickets available at event. **721-8406**

Small World Social Forum Nov. 16, 7 p.m. & Nov. 17, 2–6 p.m, MacLaurin Bldg., David Lam Auditorium. Nov. 18, 7 p.m., Fraser Bldg., room 159. (Admission: Saturday & Monday $6/8, Sunday $8/10.) Info: Terry **595-7519**

Concert Nov. 16, 8 p.m. & Nov. 17, 2:30 p.m. *Lafayette String Quartet.* Featuring works by Haydn, Beethoven and Rebecca Clarke. MacLaurin Bldg., Phillip T. Young Recital Hall. (Admission $18/14). **721-7903**

Vikes Men's Basketball vs. SFU 8:15 p.m. McKinnon Gym. Tickets available at event. **721-8406**

Sunday, Nov. 17

Concert 2:30 p.m. *Greater Victoria Youth Orchestra.* János Sándor, music director and conductor. Featuring works by Wagner, Mendelssohn, and Dvorák. University Centre Farquhar Auditorium. (Tickets $16/12/8). **360-1121**

Monday, Nov. 18

String Chamber Ensembles 8 p.m. Featuring school of music string students. MacLaurin Bldg., Phillip T. Young Recital Hall. **721-7903**

Tuesday, Nov. 19

UVic Hearts & Hands Craft Fair 10 a.m.–5 p.m. Featuring the work of artisans/crafters from the UVic community. University Centre lobby. **721-7378**

World Affairs in Historical Perspective Series. 12:30–1:30 p.m. *Saddam Hussein and the Control of Iraq.* Martin Bunton, UVic. Centre for Innovative Teaching, room 110. **721-7382**

CEOR/SEOS Seminar 2 p.m. *Constraints on the Global Methane Budget Determined from Measurements.* Dr. Ed Dlugokencky, David Skaggs Research Centre and National Oceanic & Atmospheric Admin., Colorado. Elliott Bldg., room 061. **721-8848**

CEOR/SEOS Seminar 3:30 p.m. *Recent Changes in the Bering Sea Ecosystem.* Dr. George Hunt, Univ. of California, Irvine. Elliott Bldg., room 061. **721-8848**

Global Studies Seminar 4 p.m. *Education and the Global Human Security Agenda.* Dr. Wayne Nelles, Centre for Global Studies fellow. Centre for Innovative Teaching, room 116. **472-5175**

Lansdowne Lecture 7 p.m. *The Molecular Biology of Infectious Disease: From Food-Poisoning to Bioterrorism.* Dr. Daniel Portnoy, Univ. of California, Berkeley. Centre for Innovative Teaching, room 105. **721-7077**

Wednesday, Nov. 20

Discussion–Interfaith Dialogue 12 p.m. *Punishment and Guilt vs. Forgiveness.* Interfaith Chaplaincy team. Grad Centre, room 108. **721-8338**

Religion and Society Lecture 4 p.m. *Rituals and Humanization of Grief.* Norman Prenger, Centre for Studies in Religion & Society. Centre for Innovative Teaching, room 110. **721-6695**

Second-Language Workshop 4:30–6 p.m. *Team-Based Learning in the Classroom.* Pamela Rubidge, Camosun College. Clearihue Bldg., room A215. **721-6634**

Orion Series in Fine Arts: Guest Recital 8 p.m. *Génération 2002 Canadian Tour.* Ensemble contemporain de Montréal. MacLaurin Bldg., Phillip T. Young Recital Hall. **721-7903**

Thursday, Nov. 21

Community Forum 7:30 p.m. *Escape from Politics.* Sheldon Chumir Foundation for Ethics in Leadership. Panel includes Dr. Reg Whitaker, Maureen Maloney and Dr. Gordon Smith, all from UVic. Fraser Bldg., room A159. Please register **472-4747**

Medieval Studies Lecture 7:30 p.m. *The Social World of Islamic Pottery: Archaeological and Historical Perspectives.* Dr. Marcus Milwright, UVic. Fine Arts Bldg., room 103. **721-6271**

Concert 8 p.m. *University of Victoria Wind Symphony.* Gerald King, conductor & graduate assistant conductor, Verna Ahner. University Centre Farquhar Auditorium. (Admission $10/8). **721-7903**

Friday, November 22

FridayMusic 12:30 p.m. School of music composition students. MacLaurin Bldg., Phillip T. Young Recital Hall. **721-7903**

Centre on Aging Lecture 2 p.m. *The Idealization of Dying at Home: The Social Context of Home-Based Palliative Caregiving.* Kelli Stajduhar, UVic/UBC. Human & Social Development Bldg., room A264. **721-6368**

Public Administration Seminar 4 p.m. *A Perspective on Competition in the B.C. Electricity Sector.* Pierre Pineau, UVic. Strong Bldg., room C108. **721-8056**

Saturday, Nov. 23

Vikes Women's Rugby vs. Douglas 11:30 a.m. Wallace Field. **721-8406**

Vikes Men's Rugby vs. Burnaby 3 p.m. Wallace Field. **721-8406**

Chamber Music Series Concert 8 p.m. *A Concert Party.* Sharon Krebs, soprano; Charlotte Hale, soprano; Eugene Dowling, tuba; Eva Solar-Kinderman, piano; Harald Krebs, piano; and Diana Lawton, piano. Maclaurin Bldg., Phillip T. Young Recital Hall. (Admission $12/8). **721-7903**

Monday, Nov. 25

Guest Recital 8 p.m. *Maja Gender.* Vancouver & Winnipeg-based musicians performing a concert of "music for Balinese gender." MacLaurin Bldg., Phillip T. Young Recital Hall. **721-7903**

Tuesday, Nov. 26

CEOR/SEOS Seminar 3:30 p.m. *Geochemistry of Organics on Airborne Particles.* Dr. Bernie Simoniet, Oregon State Univ. Elliott Bldg., room 061. **721-8848**

Wednesday, Nov. 27

Religion and Society Lecture 4 p.m. *Arab-Christian Sources for the Madonna Lactans in Italy.* Erica Dodd, UVic. Centre for Innovative Teaching, room 110. **721-6325**

Second -Language Workshop 4:30–6 p.m. *Achieving an Interactive Classroom.* Angele Segger, UVic. Clearihue Bldg., room A215. **721-6634**

Visual Arts Dept. Presentation 8 p.m. *Artist Talk.* Nikki Lederer, Canadian artist (UVic & Hunter College of the City Univ. of New York graduate). Visual Arts Bldg., room 150. **721-8021 ext. 6661**

Thursday, Nov. 28

Vikes Women's Basketball vs. Seattle Lady Express – Exhibition 7 p.m., McKinnon Gym. **721-8406**

Proportional Representation Forum/Lecture 7:30 p.m. *Town Hall Meeting with Green Party of B.C. leader Adriane Carr.* Presented by UVSS Green Party Club. Info: Casey **472-4569**

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RING PUBLICATION SCHEDULE

The next edition of *The Ring*, on Nov. 28, will be the last before the Christmas break. Listings for events from Nov. 29 to Jan. 9 should be sent to UVic communications (Sedgewick 149, fax 721-8955, e-mail ucom@uvic.ca) or entered into the online calendar (www. uvic.ca/events) by no later than 4 p.m. on Wednesday, Nov. 20.

When space is limited, *The Ring* reserves the right to shorten or not include a listing. Academic events are given the highest priority. For more information, call 721-7636.

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